

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022325.D
 Acq On : 25 Oct 2022 15:10
 Operator : CG/JU
 Sample : N5070-03DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:13:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

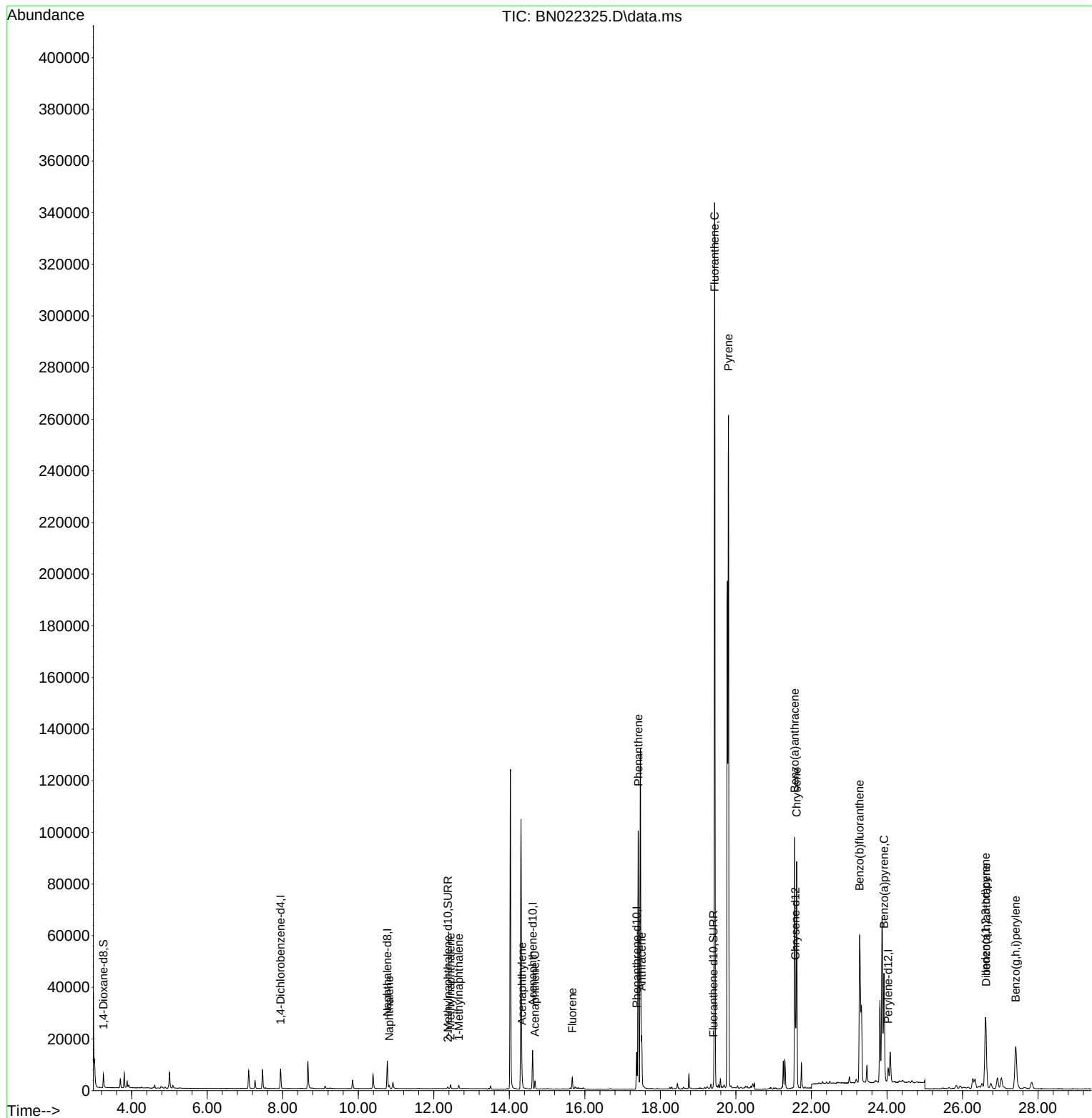
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14599	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	16193	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10144	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	7134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3524	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	986	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1923	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	1657	0.038	ng/ul#	88
7) 2-Methylnaphthalene	12.444	142	1200	0.044	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	987	0.035	ng/ul	100
10) Acenaphthylene	14.336	152	4562	0.123	ng/ul	96
11) Acenaphthene	14.679	153	1835	0.059	ng/ul	98
12) Fluorene	15.669	166	2760	0.076	ng/ul#	97
15) Phenanthrene	17.412	178	105165	1.934	ng/ul	99
16) Anthracene	17.505	178	19970	0.436	ng/ul	100
19) Fluoranthene	19.435	202	281817	6.065	ng/ul	99
20) Pyrene	19.802	202	211365	4.528	ng/ul	99
21) Benzo(a)anthracene	21.558	228	83017	2.184	ng/ul	99
22) Chrysene	21.611	228	86637	2.151	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	138771	3.874	ng/ul	97
26) Benzo(a)pyrene	23.920	252	62046	2.172	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.612	276	48358	1.362	ng/ul	90
28) Dibenzo(a,h)anthracene	26.625	278	10179	0.359	ng/ul	94
29) Benzo(g,h,i)perylene	27.413	276	37569	1.299	ng/ul	98

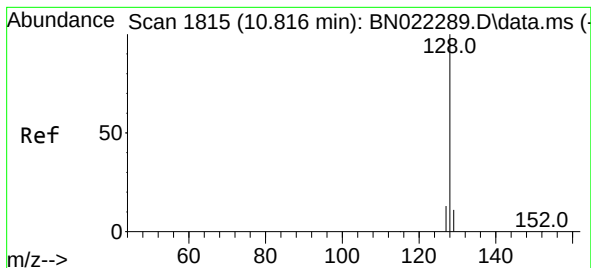
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.038 ng/ul

RT: 10.822 min Scan# 1816

Delta R.T. -0.000 min

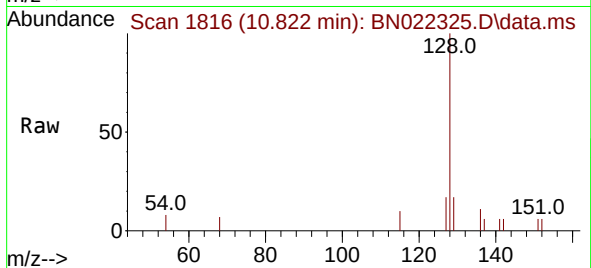
Lab File: BN022325.D

Acq: 25 Oct 2022 15:10

Instrument :

BNA_N

ClientSampleId :



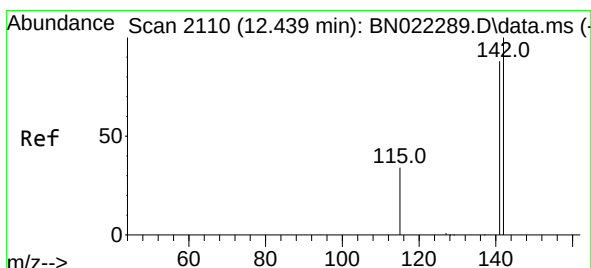
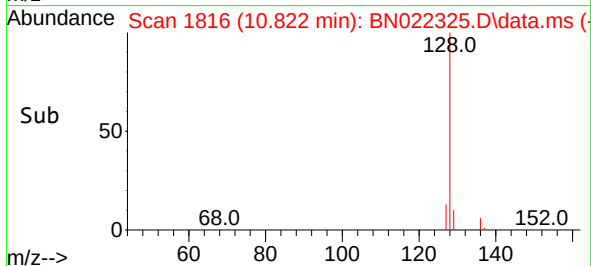
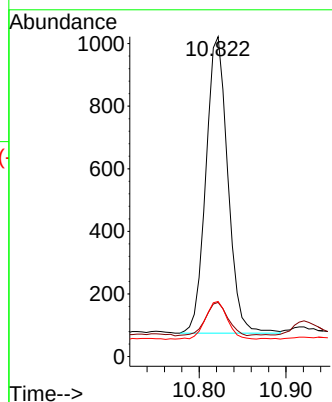
Tgt Ion:128 Resp: 1657

Ion Ratio Lower Upper

128 100

129 16.9 9.3 13.9#

127 17.2 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.444 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BN022325.D

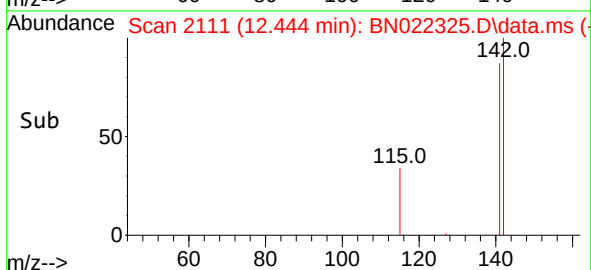
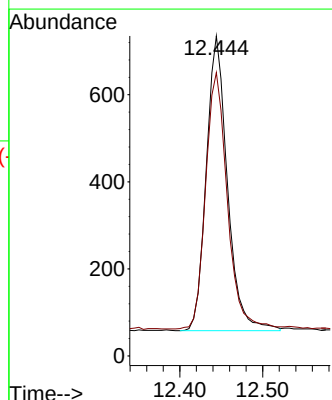
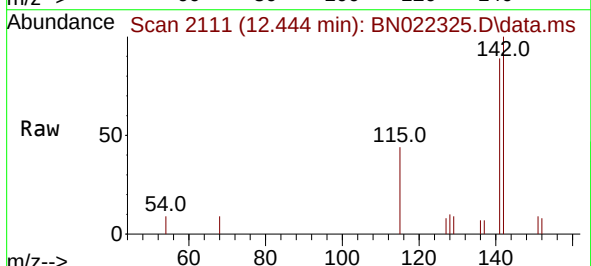
Acq: 25 Oct 2022 15:10

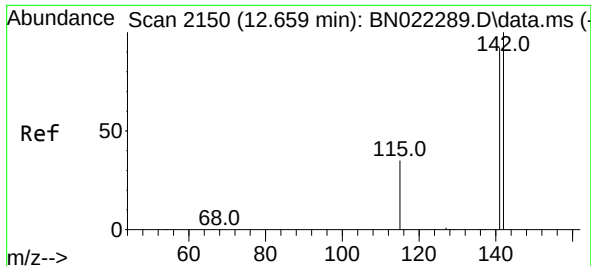
Tgt Ion:142 Resp: 1200

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7

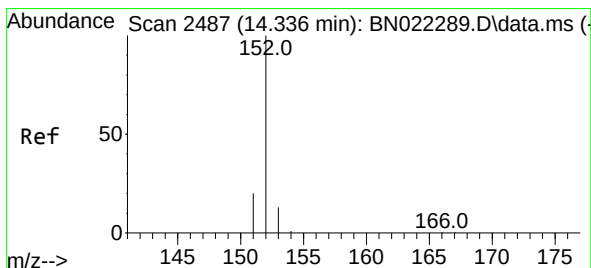
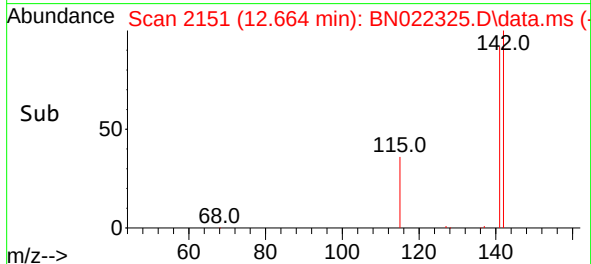
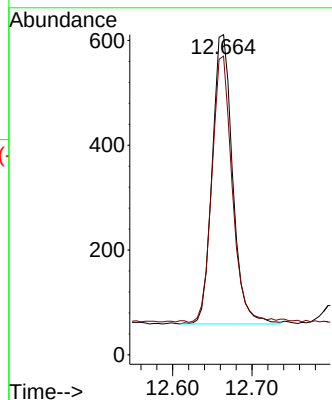
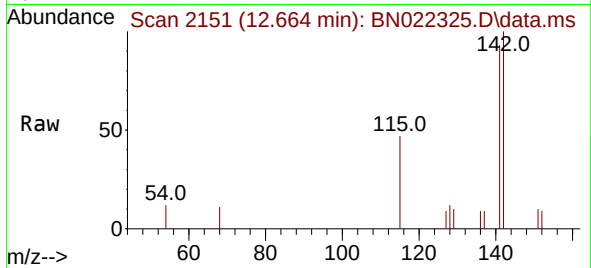




#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

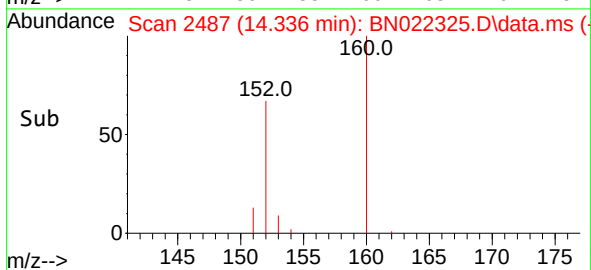
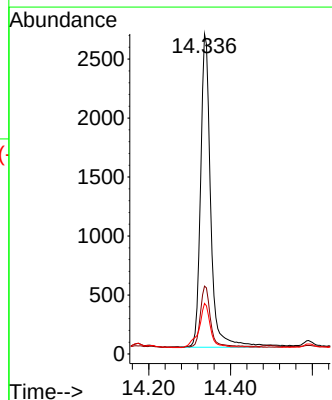
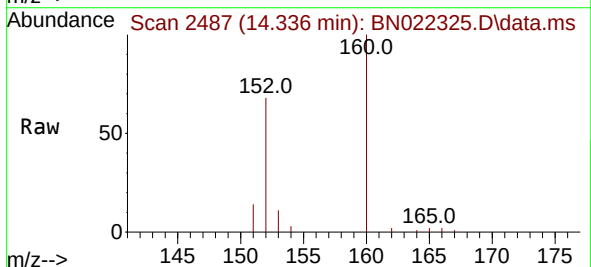
Instrument :
BNA_N
ClientSampleId :

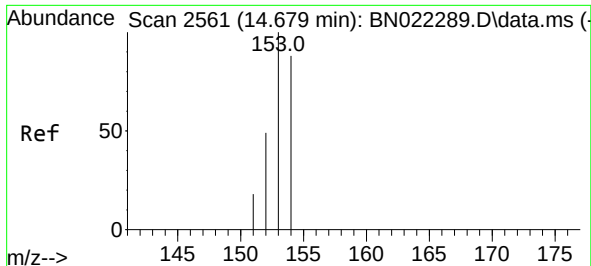
Tgt Ion:142 Resp: 987
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

Tgt Ion:152 Resp: 4562
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 15.8 10.8 16.2

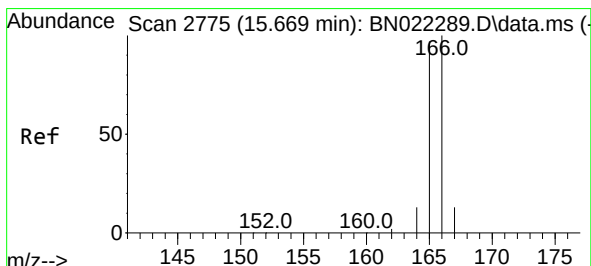
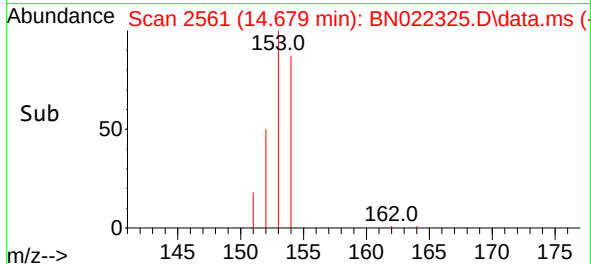
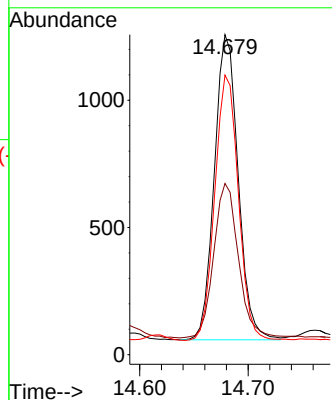
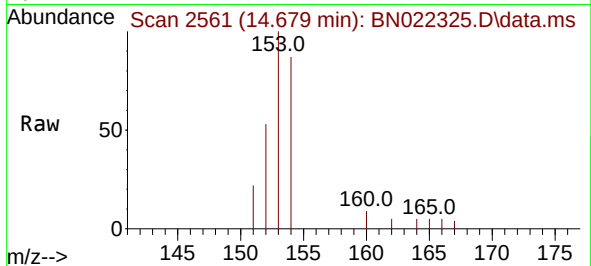




#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

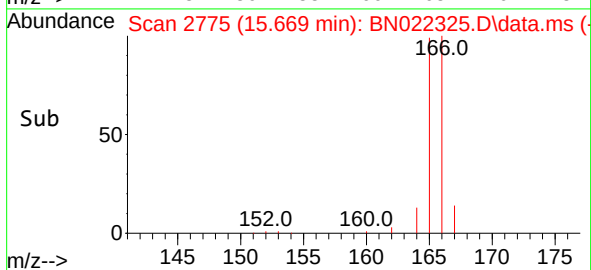
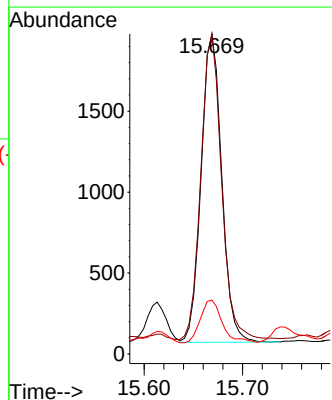
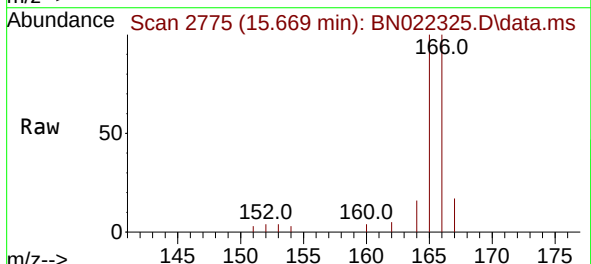
Instrument :
BNA_N
ClientSampleId :

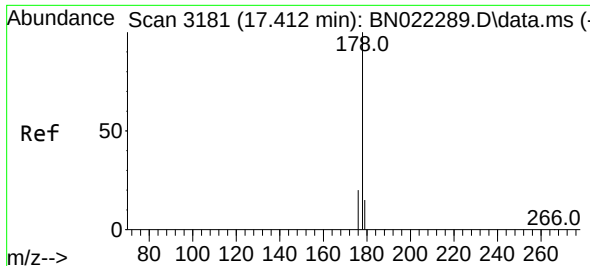
Tgt Ion:153 Resp: 1835
Ion Ratio Lower Upper
153 100
152 53.5 40.6 61.0
154 87.4 70.6 106.0



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

Tgt Ion:166 Resp: 2760
Ion Ratio Lower Upper
166 100
165 99.9 78.2 117.2
167 16.8 11.0 16.4#

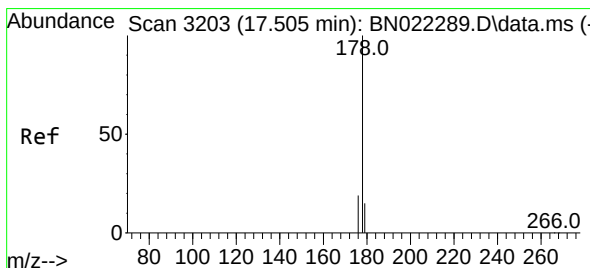
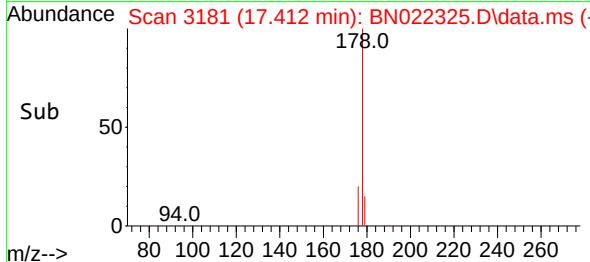
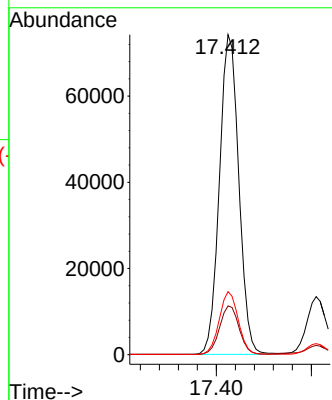
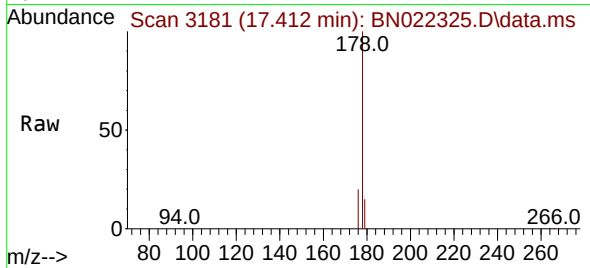




#15
 Phenanthrene
 Concen: 1.934 ng/ul
 RT: 17.412 min Scan# 3181
 Delta R.T. -0.004 min
 Lab File: BN022325.D
 Acq: 25 Oct 2022 15:10

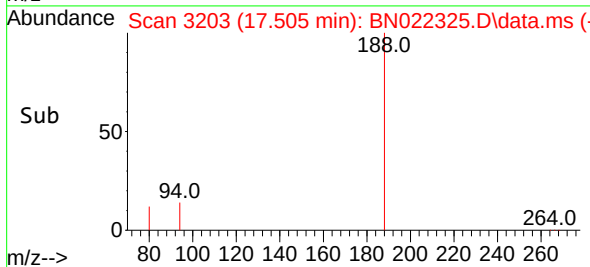
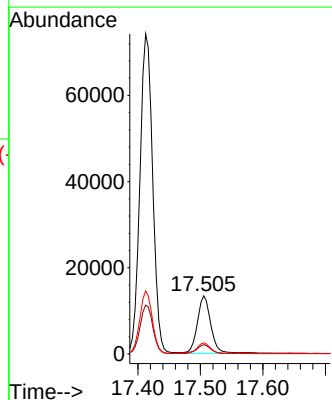
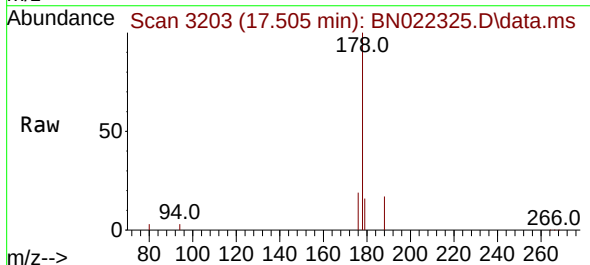
Instrument :
 BNA_N
 ClientSampleId :

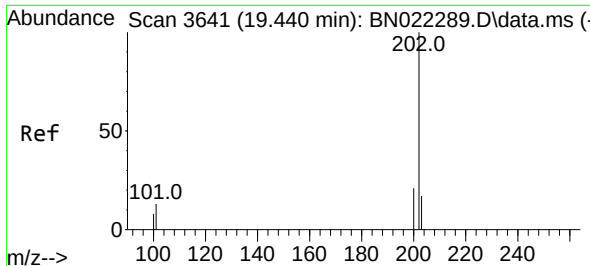
Tgt Ion:178 Resp: 105165
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 19.7 15.4 23.2



#16
 Anthracene
 Concen: 0.436 ng/ul
 RT: 17.505 min Scan# 3203
 Delta R.T. -0.004 min
 Lab File: BN022325.D
 Acq: 25 Oct 2022 15:10

Tgt Ion:178 Resp: 19970
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 18.8
 176 18.9 15.0 22.6

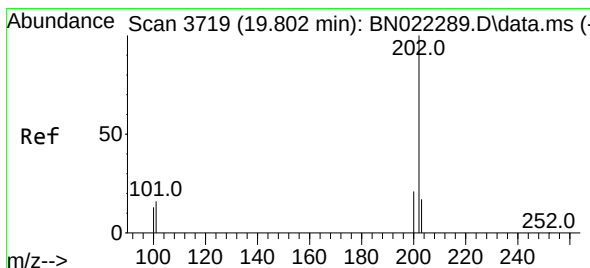
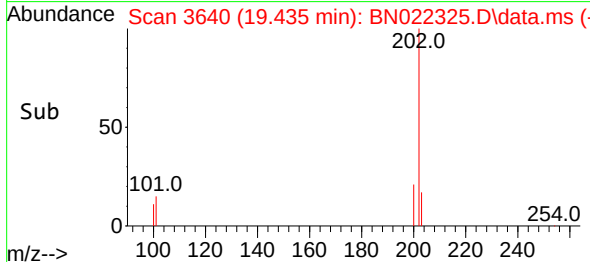
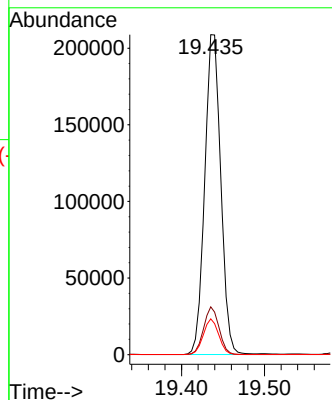
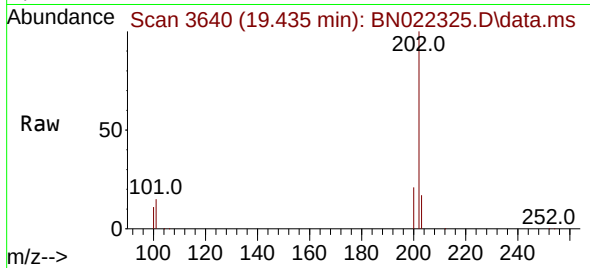




#19
Fluoranthene
Concen: 6.065 ng/u1
RT: 19.435 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

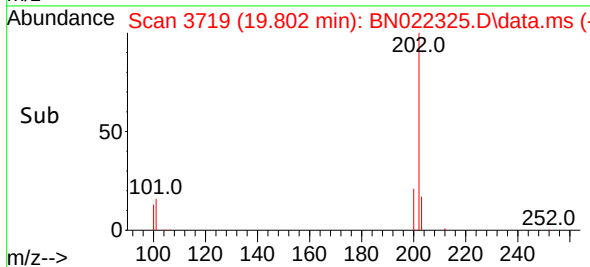
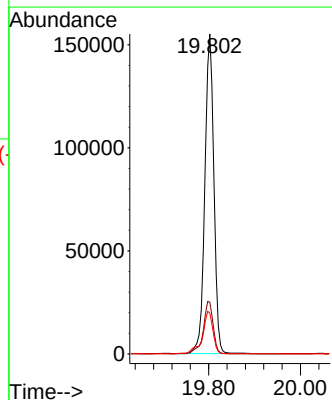
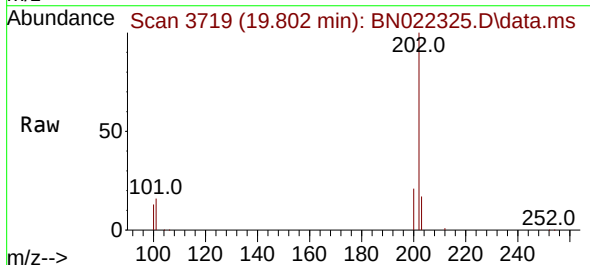
Instrument :
BNA_N
ClientSampleId :

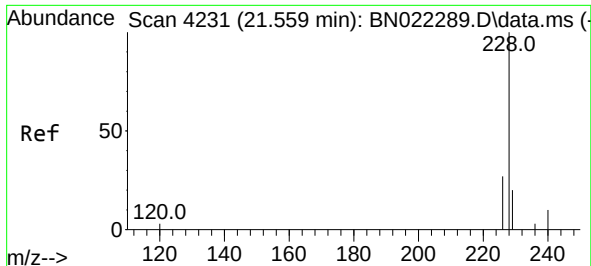
Tgt Ion:202 Resp: 281817
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.2 8.7 13.1



#20
Pyrene
Concen: 4.528 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

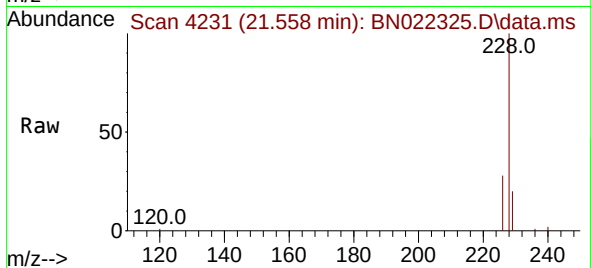
Tgt Ion:202 Resp: 211365
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.8 10.6 16.0



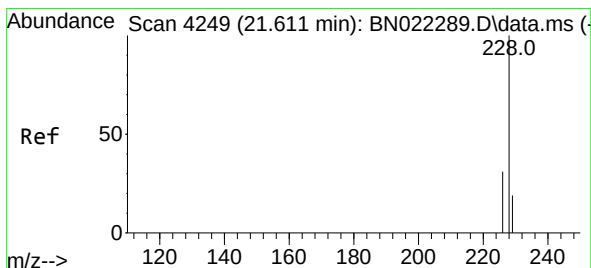
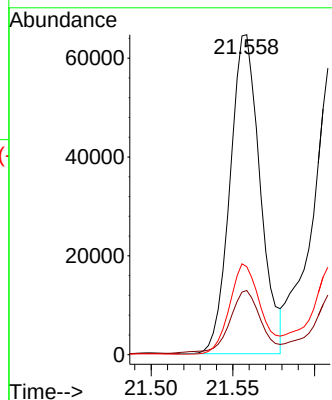
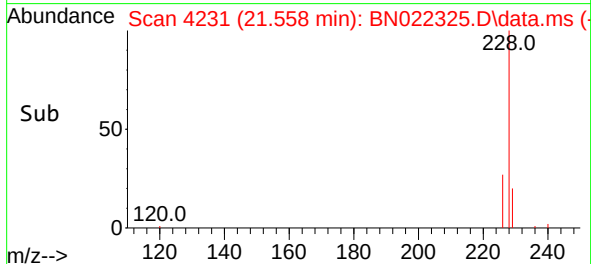


#21
Benzo(a)anthracene
Concen: 2.184 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

Instrument :
BNA_N
ClientSampleId :

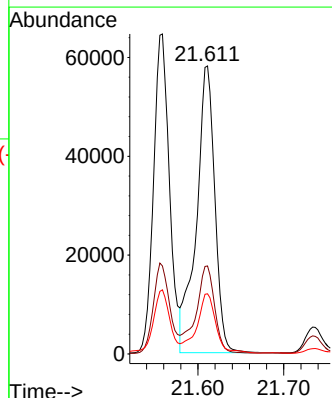
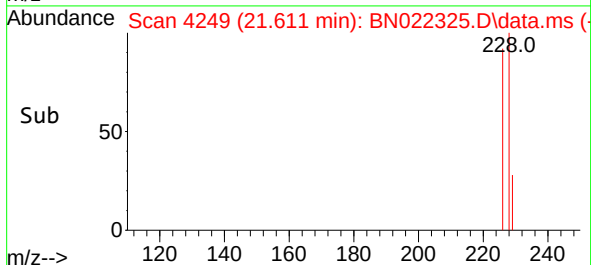
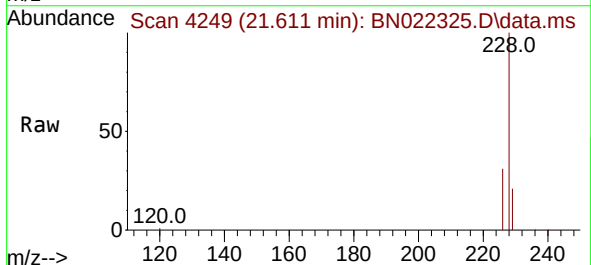


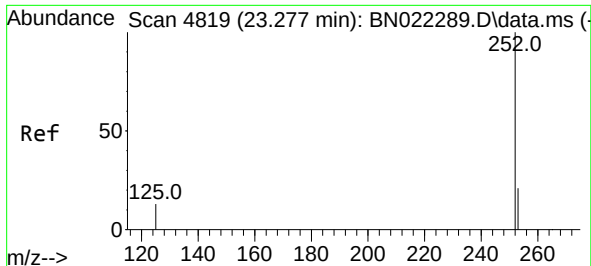
Tgt Ion:228 Resp: 83017
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 2.151 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

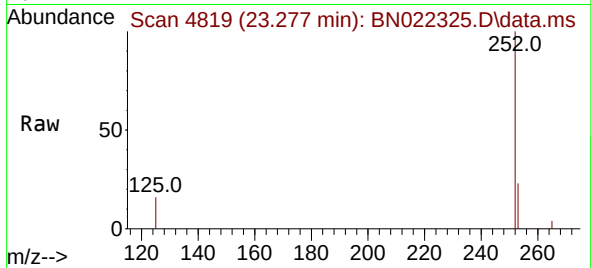
Tgt Ion:228 Resp: 86637
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.9 15.9 23.9



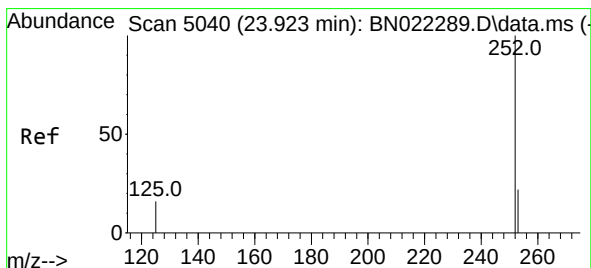
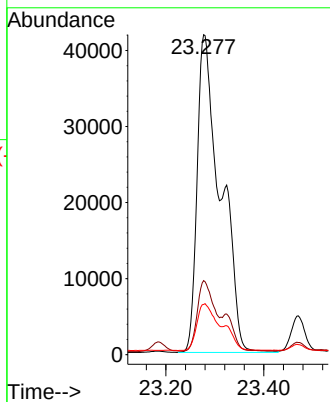
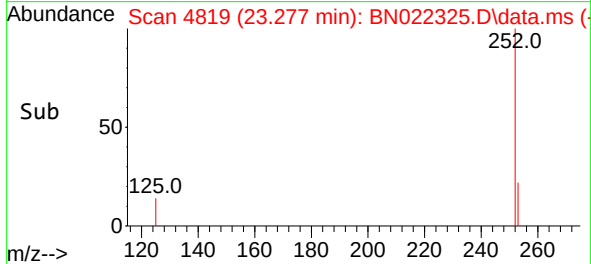


#24
Benzo(b)fluoranthene
Concen: 3.874 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

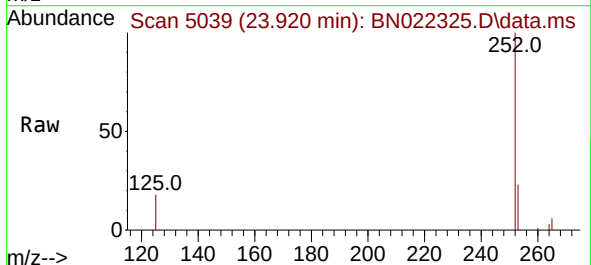
Instrument :
BNA_N
ClientSampleId :



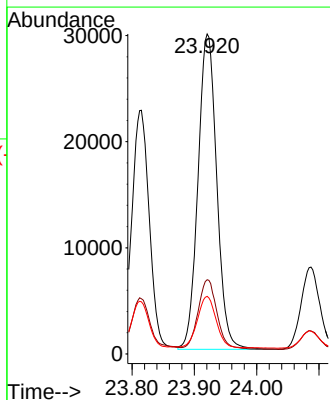
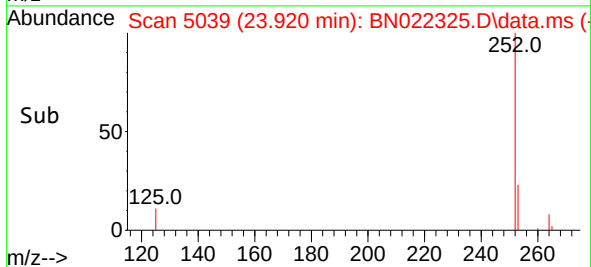
Tgt Ion:252 Resp: 138771
Ion Ratio Lower Upper
252 100
253 23.1 0.0 49.0
125 15.7 0.0 35.2

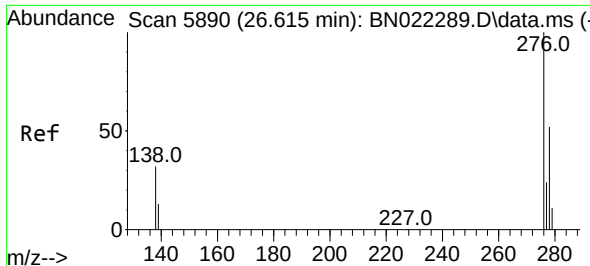


#26
Benzo(a)pyrene
Concen: 2.172 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10



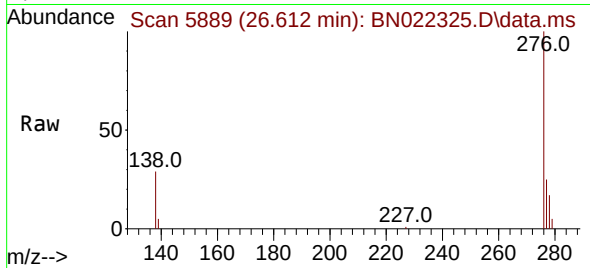
Tgt Ion:252 Resp: 62046
Ion Ratio Lower Upper
252 100
253 23.2 21.0 31.6
125 18.0 17.9 26.9



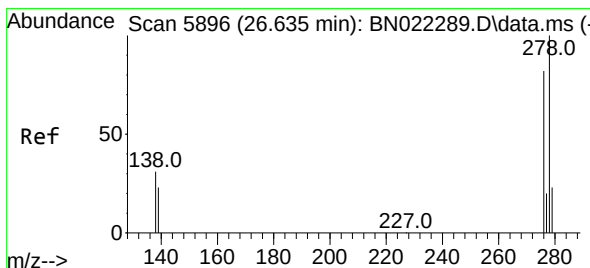
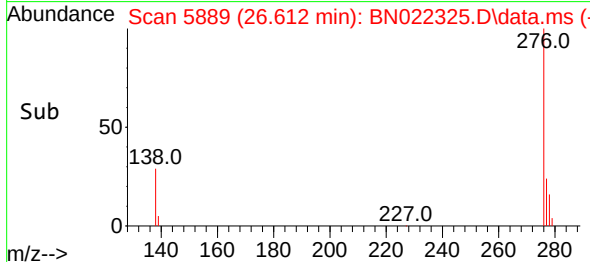
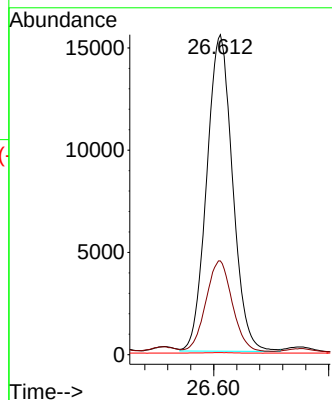


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.362 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

Instrument :
BNA_N
ClientSampleId :

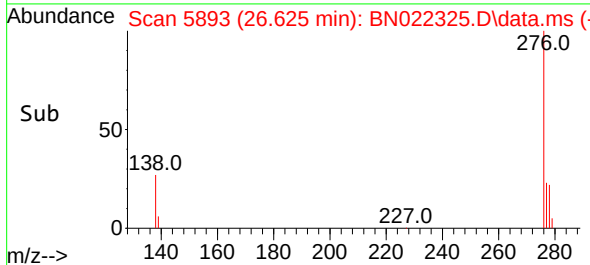
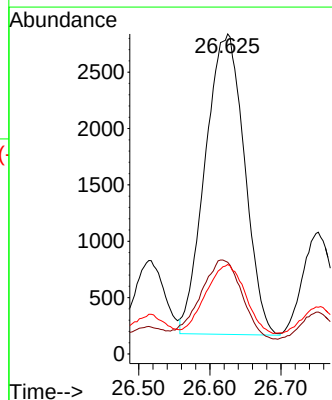
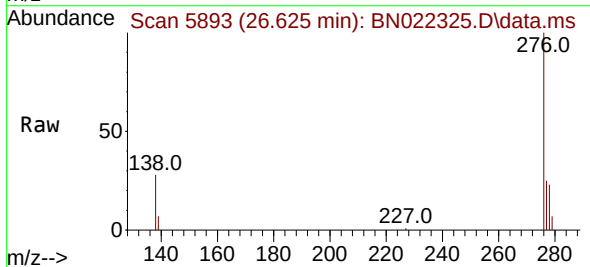


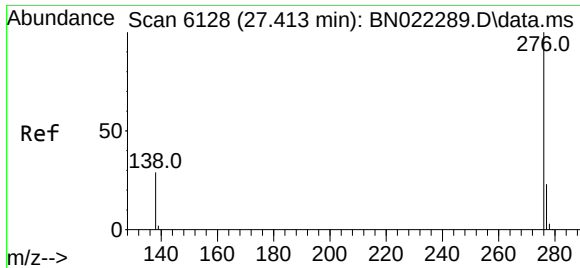
Tgt Ion:276 Resp: 48358
Ion Ratio Lower Upper
276 100
138 29.1 27.7 41.5
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.625 min Scan# 5893
Delta R.T. -0.014 min
Lab File: BN022325.D
Acq: 25 Oct 2022 15:10

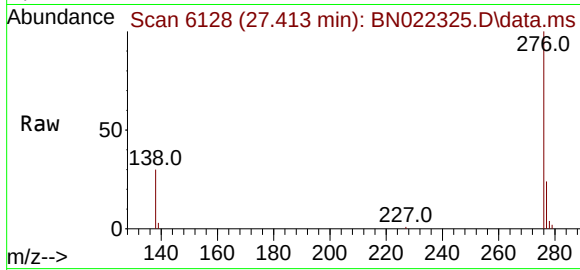
Tgt Ion:278 Resp: 10179
Ion Ratio Lower Upper
278 100
139 28.6 19.6 29.4
279 27.9 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 1.299 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN022325.D
 Acq: 25 Oct 2022 15:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	37569
Ion Ratio	Lower	Upper	
276	100		
138	30.1	25.2	37.8
277	24.4	19.9	29.9

